

Ellen Yorke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8427987/publications.pdf>

Version: 2024-02-01

61
papers

2,105
citations

257357

24
h-index

243529

44
g-index

61
all docs

61
docs citations

61
times ranked

2167
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluoroscopic evaluation of diaphragmatic motion reduction with a respiratory gated radiotherapy system. <i>Journal of Applied Clinical Medical Physics</i> , 2001, 2, 191.	0.8	175
2	Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 68-86.	0.4	164
3	Fluoroscopic evaluation of diaphragmatic motion reduction with a respiratory gated radiotherapy system. <i>Journal of Applied Clinical Medical Physics</i> , 2001, 2, 191-200.	0.8	147
4	Local Control After Stereotactic Body Radiation Therapy for Liver Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 188-195.	0.4	131
5	Impact of Dose to the Bladder Trigone on Long-Term Urinary Function After High-Dose Intensity Modulated Radiation Therapy for Localized Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 339-344.	0.4	122
6	Spinal Cord Dose Tolerance to Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 124-136.	0.4	105
7	Delivery of intensity-modulated radiation therapy with a conventional multileaf collimator: Comparison of dynamic and segmental methods. <i>Medical Physics</i> , 2001, 28, 2441-2449.	1.6	92
8	Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 87-99.	0.4	86
9	Radiation Dose-Volume Effects for Liver SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 196-205.	0.4	67
10	Tumor Control Probability of Radiosurgery and Fractionated Stereotactic Radiosurgery for Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 53-67.	0.4	62
11	The Use of Radiation Therapy for the Treatment of Malignant Pleural Mesothelioma: Expert Opinion from the National Cancer Institute Thoracic Malignancy Steering Committee, International Association for the Study of Lung Cancer, and Mesothelioma Applied Research Foundation. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1172-1183.	0.5	60
12	High Dose per Fraction, Hypofractionated Treatment Effects in the Clinic (HyTEC): An Overview. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1-10.	0.4	60
13	Dosimetric predictors of esophageal toxicity after stereotactic body radiotherapy for central lung tumors. <i>Radiotherapy and Oncology</i> , 2014, 112, 267-271.	0.3	53
14	Estimated Risk Level of Unified Stereotactic Body Radiation Therapy Dose Tolerance Limits for Spinal Cord. <i>Seminars in Radiation Oncology</i> , 2016, 26, 165-171.	1.0	45
15	Histologic Subtype in Core Lung Biopsies of Early-Stage Lung Adenocarcinoma is a Prognostic Factor for Treatment Response and Failure Patterns After Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 138-145.	0.4	43
16	Prostate Stereotactic Body Radiation Therapy: An Overview of Toxicity and Dose Response. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 237-248.	0.4	40
17	Interfractional anatomic variation in patients treated with respiration-gated radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2005, 6, 19-32.	0.8	40
18	Interfractional anatomic variation in patients treated with respiration-gated radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2005, 6, 19-32.	0.8	35

#	ARTICLE	IF	CITATIONS
19	Late urinary toxicity modeling after stereotactic body radiotherapy (SBRT) in the definitive treatment of localized prostate cancer. <i>Acta Oncologica</i> , 2016, 55, 52-58.	0.8	35
20	Toward predicting the evolution of lung tumors during radiotherapy observed on a longitudinal MR imaging study via a deep learning algorithm. <i>Medical Physics</i> , 2019, 46, 4699-4707.	1.6	34
21	Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 160-171.	0.4	32
22	Predictive Treatment Management: Incorporating a Predictive Tumor Response Model Into Robust Prospective Treatment Planning for Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 446-452.	0.4	30
23	Feasibility of In Situ, High-Resolution Correlation of Tracer Uptake with Histopathology by Quantitative Autoradiography of Biopsy Specimens Obtained Under ¹⁸ F-FDG PET/CT Guidance. <i>Journal of Nuclear Medicine</i> , 2015, 56, 538-544.	2.8	28
24	Stereotactic Body Radiation Therapy for Spinal Metastases: Tumor Control Probability Analyses and Recommended Reporting Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 112-123.	0.4	25
25	Tumor Control Probability Modeling and Systematic Review of the Literature of Stereotactic Body Radiation Therapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 227-236.	0.4	23
26	Patient Safety in External Beam Radiation Therapy. <i>American Journal of Roentgenology</i> , 2011, 196, 768-772.	1.0	21
27	From phase-based to displacement-based gating: a software tool to facilitate respiration-gated radiation treatment. <i>Journal of Applied Clinical Medical Physics</i> , 2009, 10, 132-141.	0.8	20
28	Deep learning-based image registration and automatic segmentation of organs-at-risk in cone-beam CT scans from high-dose radiation treatment of pancreatic cancer. <i>Medical Physics</i> , 2021, 48, 3084-3095.	1.6	20
29	Safety Profile Assessment: An online tool to gauge safety-critical performance in radiation oncology. <i>Practical Radiation Oncology</i> , 2015, 5, 127-134.	1.1	19
30	Rapid estimation of 4DCT motion artifact severity based on 1D breathing surrogate periodicity. <i>Medical Physics</i> , 2014, 41, 1117-17.	1.6	18
31	Quantification of accumulated dose and associated anatomical changes of esophagus using weekly Magnetic Resonance Imaging acquired during radiotherapy of locally advanced lung cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 13, 36-43.	1.2	18
32	A Primer on Dose-Response Data Modeling in Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 11-20.	0.4	17
33	Design and validation of a MV/kV imaging-based markerless tracking system for assessing real-time lung tumor motion. <i>Medical Physics</i> , 2018, 45, 5555-5563.	1.6	16
34	Validating a Predictive Atlas of Tumor Shrinkage for Adaptive Radiotherapy of Locally Advanced Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 978-986.	0.4	16
35	A geometric atlas to predict lung tumor shrinkage for radiotherapy treatment planning. <i>Physics in Medicine and Biology</i> , 2017, 62, 702-714.	1.6	15
36	PIK3CA mutation is associated with increased local failure in lung stereotactic body radiation therapy (SBRT). <i>Clinical and Translational Radiation Oncology</i> , 2017, 7, 91-93.	0.9	15

#	ARTICLE	IF	CITATIONS
37	Radiologic Considerations and Standardization of Malignant Pleural Mesothelioma Imaging Within Clinical Trials: Consensus Statement from the NCI Thoracic Malignancy Steering Committee "International Association for the Study of Lung Cancer" Mesothelioma Applied Research Foundation Clinical Trials Planning Meeting. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1718-1731.	0.5	15
38	Image guided radiation therapy for bladder cancer: Assessment of bladder motion using implanted fiducial markers. <i>Practical Radiation Oncology</i> , 2014, 4, 108-115.	1.1	14
39	Thoracic Radiation Therapy During Coronavirus Disease 2019: Provisional Guidelines from a Comprehensive Cancer Center within a Pandemic Epicenter. <i>Advances in Radiation Oncology</i> , 2020, 5, 603-607.	0.6	14
40	Kilovoltage Imaging of Implanted Fiducials to Monitor Intrafraction Motion With Abdominal Compression During Stereotactic Body Radiation Therapy for Gastrointestinal Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1042-1049.	0.4	13
41	A uniform and versatile surface-guided radiotherapy procedure and workflow for high-quality breast deep-inspiration breath-hold treatment in a multi-center institution. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13511.	0.8	13
42	Evaluation of tumor localization in respiration motion-corrected cone-beam CT: Prospective study in lung. <i>Medical Physics</i> , 2014, 41, 101918.	1.6	12
43	Stereotactic Radiosurgery for Vestibular Schwannomas: Tumor Control Probability Analyses and Recommended Reporting Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 100-111.	0.4	12
44	Patterns of practice for safety-critical processes in radiation oncology in the United States from the AAPM safety profile assessment survey. <i>Practical Radiation Oncology</i> , 2015, 5, e423-e429.	1.1	11
45	Pediatric Normal Tissue Effects in the Clinic (PENTEC): An International Collaboration to Assess Normal Tissue Radiation Dose-Volume-Response Relationships for Children With Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, , .	0.4	10
46	Image-guided radiotherapy reduces the risk of under-dosing high-risk prostate cancer extra-capsular disease and improves biochemical control. <i>Radiation Oncology</i> , 2018, 13, 64.	1.2	9
47	Technical Note: Scintillation well counters and particle counting digital autoradiography devices can be used to detect activities associated with genomic profiling adequacy of biopsy specimens obtained after a low activity ^{18}F -FDG injection. <i>Medical Physics</i> , 2018, 45, 2179-2185.	1.6	8
48	Technical Note: 3D localization of lung tumors on cone beam CT projections via a convolutional recurrent neural network. <i>Medical Physics</i> , 2020, 47, 1161-1166.	1.6	8
49	Increasing Heart Dose Reduces Overall Survival in Patients Undergoing Postoperative Radiation Therapy for NSCLC. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100209.	0.6	7
50	Accuracy and efficiency of respiratory gating comparable to deep inspiration breath hold for pancreatic cancer treatment. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 218-225.	0.8	7
51	Evaluation of the tumor registration error in biopsy procedures performed under real-time PET/CT guidance. <i>Medical Physics</i> , 2017, 44, 5089-5095.	1.6	5
52	Failure mode and effect analysis for linear accelerator-based paraspinal stereotactic body radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 87-96.	0.8	4
53	Deep learning driven predictive treatment planning for adaptive radiotherapy of lung cancer. <i>Radiotherapy and Oncology</i> , 2022, 169, 57-63.	0.3	4
54	Effects of Irregular Respiratory Motion on the Positioning Accuracy of Moving Target with Free Breathing Cone-Beam Computerized Tomography. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2018, 07, 173-183.	0.3	3

#	ARTICLE	IF	CITATIONS
55	Can bronchoscopically implanted anchored electromagnetic transponders be used to monitor tumor position and lung inflation during deep inspiration breath-hold lung radiotherapy?. Medical Physics, 2022, 49, 2621-2630.	1.6	3
56	A Planning Comparison of IMRT vs. Pencil Beam Scanning for Deep Inspiration Breath Hold Lung Cancers. Medical Dosimetry, 2022, 47, 26-31.	0.4	2
57	The HyTEC Project. Medical Physics, 2021, 48, 2699-2700.	1.6	1
58	Overview of dosimetric and biological perspectives on radiosurgery of multiple brain metastases in comparison with whole brain radiotherapy. Journal of Radiosurgery and SBRT, 2015, 3, 271-279.	0.2	1
59	In Reply to Klement et al. International Journal of Radiation Oncology Biology Physics, 2021, 110, 250-251.	0.4	0
60	In Reply to Schultheiss. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1541-1543.	0.4	0
61	In Reply to Tsurugai et al.. International Journal of Radiation Oncology Biology Physics, 2022, 113, 229.	0.4	0